

d)L²-π-MOS III SERIES

Application

DC-DC CONVERTER
MOTOR DRIVE
HIGH SPEED SWITCHING
HIGH CURRENT SWITCHING

Type.No.	MAXIMUM RATING			PACKAGE	R _{DS(ON)}				R _{DS(ON)}				V _{th} (I _b =1mA) (V)
	I _b (A)	V _{DSS} (V)	P _D (W)		(Ω)		V _{GS} (V)	I _b (A)	(Ω)		V _{DS} (V)	I _b (A)	
					TYP.	MAX.			TYP.	MAX.			
2SK1078	0.8	60	0.5	POWER MINI	0.40	0.55	10	0.4	0.75	1.1	4	0.4	0.8~2.0
2SK940	0.8	60	0.9	TO-92 MOD	0.40	0.55	10	0.4	0.75	1.1	4	0.4	0.8~2.0
2SK1112	5	60	20	POWER MOLD	0.12	0.16	10	2.5	0.20	0.30	4	1.3	0.8~2.0
2SJ183	-5	-60	20	POWER MOLD	0.30	0.35	-10	-2.5	0.45	0.70	-4	-1.3	-0.8~-2.0
2SK1114	12	60	40	TO-220AB	0.055	0.07	10	6	0.08	0.13	4	3	0.8~2.0
2SK1344	12	60	30	TO-220(IS)NEW	0.055	0.07	10	6	0.08	0.13	4	3	0.8~2.0
2SK1115	20	60	60	TO-220AB	0.042	0.055	10	10	0.064	0.090	4	5	0.8~2.0
2SK1345	20	60	40	TO-220(IS)NEW	0.042	0.055	10	10	0.064	0.090	4	5	0.8~2.0
2SK942	25	60	75	TO-220AB	0.036	0.046	10	12	0.057	0.080	4	6	0.8~2.0
2SK943	25	60	40	TO-220(IS)NEW	0.036	0.046	10	12	0.057	0.080	4	6	0.8~2.0
2SK1379	50	60	150	TO-3P(N)	0.011	0.017	10	25	0.016	0.025	4	25	0.8~2.0
2SK1380	60	60	200	TO-3P(L)	0.0065	0.011	10	30	0.009	0.015	4	30	0.8~2.0
2SK1079	0.6	100	0.5	POWER MINI	0.95	1.3	10	0.3	1.2	1.8	4	0.3	0.8~2.0
2SK941	0.6	100	0.9	TO-92 MOD	0.95	1.3	10	0.3	1.2	1.8	4	0.3	0.8~2.0
2SK1347	20	100	75	TO-220AB	0.068	0.085	10	10	0.10	0.15	4	5	0.8~2.0
2SK1348	20	100	40	TO-220(IS)NEW	0.068	0.085	10	10	0.10	0.15	4	5	0.8~2.0
2SK1116	25	100	100	TO-220AB	0.045	0.058	10	12	0.070	0.10	4	6	0.8~2.0
2SK1349	25	100	45	TO-220(IS)NEW	0.045	0.058	10	12	0.070	0.10	4	6	0.8~2.0
2SK1381	50	100	150	TO-3P(N)	0.025	0.032	10	25	0.031	0.046	4	25	0.8~2.0
2SK1382	60	100	200	TO-3P(L)	0.015	0.020	10	30	0.020	0.029	4	30	0.8~2.0
2SK1113	3	120	20	POWER MOLD	0.33	0.42	10	1.5	0.40	0.60	4	0.8	0.8~2.0